

TITLE 655 BOARD OF FIREFIGHTING PERSONNEL STANDARDS AND EDUCATION

Rule 2.1. Training for Voluntary Certification Program (1996)

655 IAC 1-2.1-1 Title; purpose; availability

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 1. (a) This rule shall be known as the Indiana firefighter training and education certification program, 1996 edition, and shall be published by the board for general distribution and use under that title.

(b) The purpose of this rule is to specify, in terms of performance objectives, the minimum requirements of professional competence required for certification as a firefighter. It is not the intent of this rule to restrict any jurisdiction from exceeding these minimum requirements. This rule shall cover the entrance requirements and the requirements for subsequent progression of certification.

(c) This rule is available for purchase from the Board of Firefighting Personnel Standards and Education, 402 West Washington Street, Room E241, Indianapolis, Indiana 46204. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-1; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3390; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-2 Firefighter certification; general

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 2. (a) Each of the performance objectives for any level of fire service person or nonfire service person certification shall meet the following criteria:

(1) Each shall be performed in a timely manner, safely, and with competent technique as outlined in the appropriate standard.

(2) Each objective shall be met in its entirety.

(b) It is not required for the objectives to be mastered in the order that they appear. The local program shall establish the instructional priority to prepare individuals to meet the performance objectives of this rule.

(c) Performance of practical skills objectives covered by this rule shall be evaluated by a certified instructor who shall be an authorized evaluator. An evaluator shall not evaluate sections taught by him or her. An evaluator shall be at least an Instructor I and selected by a Lead Evaluator.

(d) When the word “demonstrate” is used in this rule, performance of practical skills objectives shall require that actual performance and operation be accomplished unless otherwise indicated within the specific objective. Simulation, explanation, and illustration may be substituted when actual operation is not feasible.

(e) Wherever in this rule the terms “rules”, “regulations”, “procedures”, “supplies”, “apparatus”, or “equipment” are used, they shall mean those of the authority having jurisdiction.

(f) “Authority having jurisdiction” means the organization, office, or individual responsible for approving equipment, an installation, or a procedure. The term includes, without limitation, the board, the state fire marshal, a federal, state, regional, or local department or individual having legal authority. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-2; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3390; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1160; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4013*)

655 IAC 1-2.1-3 Basic Firefighter requirements

Authority: IC 22-14-2-7

Affected: IC 36-8-10.5-7

Sec. 3. (a) This section comprises the minimum requirements for certification as a Basic Firefighter.

(b) The candidate shall have successfully completed the requirements of 655 IAC 1-4-2 and the following:

(1) NFPA 472, Standard on Professional Competence of Responders to Hazardous Materials Incidents, Chapter 4-Competencies for the First Responder at the Awareness Level and Chapter 5-Competencies for the First Responder at

the Operational Level, 2002 Edition, published by the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269.

(2) NFPA 1001, Standard for Firefighter Professional Qualifications, Section 2-3, 1997 Edition, published by the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269.

(3) Training in records needed in the following:

(A) In the fire service, including the following:

- (i) Hose tests.
- (ii) Ladder tests.
- (iii) Equipment maintenance.
- (iv) Such others as are used in the authority having jurisdiction.

(B) In Indiana, laws affecting the following:

- (i) Fire service inspections.
- (ii) Investigations.
- (iii) Fire suppression.
- (iv) Driving.
- (v) Such others as are in effect in the authority having jurisdiction.

(4) Training course mandated in IC 36-8-10.5-7(b).

(5) NFPA 1001, Standard for Firefighter Professional Qualifications, Sections 5-1.1.1 and 5-1.1.2, 2002 Edition, published by the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269.

(c) To the extent that Sections 5-1.1 and 5-1.1 of NFPA 1001 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 4. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-3; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3390; filed Sep 24, 1999, 10:02 a.m.: 23 IR 330; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4013; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2696*)

655 IAC 1-2.1-4 Firefighter I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 4. (a) The minimum training standards for Firefighter I certification shall be as set out in that certain document, being titled as NFPA 1001, Standard for Firefighter Professional Qualifications, Chapter 5-Firefighter I, 2002 Edition, published by the National Fire Protection Association (NFPA), Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 5 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 4.

(b) The candidate shall be certified as a Basic Firefighter. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-4; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3391; filed Sep 24, 1999, 10:02 a.m.: 23 IR 330; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2696*)

655 IAC 1-2.1-5 Firefighter II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 5. (a) The minimum training standards for Firefighter II certification shall be as set out in that certain document, being titled as NFPA 1001, Standard for Firefighter Professional Qualifications, Chapter 6-Firefighter II, 2002 Edition, published by the National Fire Protection Association (NFPA), Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 6 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall be certified as a Firefighter I or Second Class Firefighter. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-5; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3391; filed Sep 24, 1999, 10:02 a.m.: 23 IR 330; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2696*)

655 IAC 1-2.1-6 Driver/Operator-Pumper

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 6. (a) The minimum training standards for Driver/Operator-Pumper certification shall be as set out in that certain document, being titled as NFPA 1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications, Chapters 4 and 5, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 4 and 5 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall:

- (1) have been certified as at least a Firefighter I or First Class Firefighter; and
- (2) hold an appropriate valid driver's license.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-6; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3391; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1161; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2697)

655 IAC 1-2.1-6.1 Driver/Operator-Aerial

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 6.1. (a) The minimum training standards for Driver/Operator-Aerial certification shall be as set out in that certain document, being titled as NFPA 1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications, Chapters 4 and 6, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 4 and 6 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall:

- (1) have been certified as at least a Firefighter I or First Class Firefighter; and
- (2) hold an appropriate valid driver's license.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-6.1; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1161; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4014; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2697)

655 IAC 1-2.1-6.2 Driver/Operator-Wildland Fire Apparatus

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 6.2. (a) The minimum training standards for Driver/Operator-Wildland Fire Apparatus certification shall be as set out in that certain document, being titled as NFPA 1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications, Chapters 2 and 8, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 and 8 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall:

- (1) have been certified as at least a Firefighter I or First Class Firefighter; and
- (2) hold an appropriate valid driver's license.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-6.2; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1161; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4014; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2697)

655 IAC 1-2.1-6.3 Driver/Operator-Aircraft Crash and Rescue

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 6.3. (a) The minimum training standards for Driver/Operator-Aircraft Crash and Rescue certification shall be as set out in that certain document, being titled as NFPA 1002, Standard for Fire Apparatus Driver/Operator Professional

Qualifications, Chapter 9, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 9 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall:

(1) have been certified as at least a Firefighter I or First Class Firefighter; and

(2) hold an appropriate valid driver's license.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-6.3; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1161; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4014; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2697)

655 IAC 1-2.1-6.4 Driver/Operator-Mobile Water Supply

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 6.4. (a) The minimum training standards for Driver/Operator-Mobile Water Supply certification shall be as set out in that certain document, being titled as NFPA 1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications, Chapter 10, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 10 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall:

(1) have been certified as at least a Firefighter I or First Class Firefighter; and

(2) hold an appropriate valid driver's license.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-6.4; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1162; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4014; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2698)

655 IAC 1-2.1-7 Airport Firefighter-Aircraft Crash and Rescue

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 7. (a) The minimum training standards for Airport Firefighter-Aircraft Crash and Rescue certification shall be as set out in that certain document, being titled as NFPA 1003, Standard for Professional Qualifications for Airport Fire Fighters, Chapters 3 and 4, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 3 and 4 of NFPA 1003 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 4.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for a period of at least one (1) year prior to the date of application. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-7; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3391; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1162; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-7.1 Fire Officer-Strategy and Tactics

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 7.1. (a) The minimum training standards for Fire Officer-Strategy and Tactics certification shall be as set out in this section.

(b) The candidate shall accomplish the follow objectives:

(1) List the eight (8) components of leadership and explain the importance of transition to a company officer.

(2) Explain the key safety behaviors that impact safe tactical operations.

(3) Identify the fire officer's responsibility for an organized approach to emergency incident management.

(4) Establish priorities for personal values and describe the relationship of those personal values to incident management and firefighter safety.

- (5) Describe the five (5) elements of department readiness and explain the importance of each element.
- (6) List four (4) benefits of effective incident communications and explain the importance of each.
- (7) List the six (6) steps identified in the Communications Model and explain the importance of each step.
- (8) List the five (5) classifications of building construction and explain the characteristics of each.
- (9) Identify the strengths and weaknesses for each building construction classification.
- (10) List and explain the critical fire behavior factors that relate to tactical operations for an assigned fire scenario.
- (11) Properly calculate the required fire flow for fire suppression for structures using the National Fire Academy Fire Flow Formula.
- (12) Given the required fire flow for a structure, estimate the fire personnel required for offensive operations.
- (13) Given an appropriate scenario, properly complete a National Fire Academy Quick Access Pre-fire Plan.
- (14) Explain why it is important to follow a logical thought process for decision making and action planning.
- (15) Identify the three (3) parts of the Command Sequence.
- (16) Identify the outcomes that result from each of the three (3) steps of the Command Sequence.
- (17) Identify the three (3) incident priorities and the order in which they shall be accomplished.
- (18) Describe the three (3) phases of size-up and their relationship to problem identification.
- (19) Describe the factors that affect size-up.
- (20) Given a simulated structural fire incident, demonstrate the ability to conduct an effective size-up, identify the problems presented, and communicate critical information as part of a concise size-up report.
- (21) Given a structural fire scenario, demonstrate the ability to develop a strategy using the command sequence.
- (22) Using the command sequence, demonstrate the ability to select tactics that will achieve a well-defined strategy.
- (23) Identify three (3) methods of implementing an action plan.
- (24) Demonstrate the ability to use effective communications to assign tactical objectives.
- (25) Given a scenario with identified strategies and tactics, determine the acceptable assignments to implement the action plan.
- (26) Explain why the use of a management system is necessary emergency incidents and demonstrate how the Incident Command System (ICS) can be applied as an effective emergency management system.
- (27) Define the five (5) ICS functions, command staff positions, and staging.
- (28) Define the role of the Incident Commander (IC) and the importance of the first on-scene fire department officer as the initial IC.
- (29) Given a scenario, establish an effective ICS organization to manage the initial phase of the incident.
- (30) Explain the purpose and use of the Communications Model and the National Fire Academy Quick Access Pre-fire Plan in tactical operations at fire incidents.
- (31) Define the relationship among incident priorities, strategy, tactics, and implementation in the command sequence.
- (32) Select an appropriate strategy mode based upon consideration of risk versus benefit and available resources.
- (33) Describe the six (6) steps required to implement the Tactical Action Model.
- (34) List the factors upon which apparatus placement is based.
- (35) Select the appropriate ventilation tactics based upon identified ventilation principles and tactical considerations.
- (36) Develop a ventilation action plan based upon the tactics selected.
- (37) Select appropriate rescue tactics based upon identified rescue principles and tactical considerations.
- (38) Develop a ventilation action plan based upon the tactics selected.
- (39) Select and deploy the appropriate hose lines to accomplish fire confinement and extinguishment.
- (40) Identify and explain the actions required to support fire confinement and extinguishment activities.
- (41) Explain the correct procedures and select the appropriate size hose lines for attaching to a fire department connection.
- (42) Describe the procedures for deployment of a hose line from a standpipe system.
- (43) Identify the principles of water supply and tactics for establishing water supplies using municipal sources, static sources, and portable sources.
- (44) Identify tactical size-up considerations for providing water supplies to meet needed fire flows and specified fire incidents.
- (45) Identify the principles and tactics for protecting exposed property and areas near the fire from becoming involved.
- (46) Identify tactical size-up considerations for providing exposure control at specified fire incidents.
- (47) Identify the principles and tactics to achieve salvage.

- (48) Identify the principles and tactics to achieve overhaul.
- (49) Identify and explain the activities required to support incident operations.
- (50) Identify the special construction factors affecting single-family dwellings.
- (51) Identify the primary concerns to be addressed when single-family dwellings are involved in a fire.
- (52) Demonstrate the use of the Communications Model while performing the role of a firefighter, fire department officer, or dispatcher.
- (53) Demonstrate the Command Sequence in a decision making scenario.
- (54) Determine strategy, select tactics, and operate within an appropriate IC organization in a given scenario.
- (55) Demonstrate effective use of the Tactical Action Model and make appropriate risk versus benefit decisions in a given scenario.
- (c) For purposes of this section, the following definitions apply:
 - (1) "Command sequence" means a three (3) step process as follows:
 - (A) Size-up, an ongoing process of gathering and analyzing information critical to incident factors that lead to problem identification.
 - (B) Strategy and tactics.
 - (C) Implementation.
 - (2) "Communications model" means a six (6) step process as follows:
 - STEP ONE: The sender formulates an idea that he or she wants to convey to another person.
 - STEP TWO: The sender sends the message.
 - STEP THREE: Transfer the message through the medium.
 - STEP FOUR: The receiver receives the message.
 - STEP FIVE: The receiver interprets the message.
 - STEP SIX: The receiver confirms that the message has been received and understood by providing feedback.
 - (3) "Fire flow formula" means the formula developed by the National Fire Academy that provides a method for determining the amount of water required, apparatus needed to deliver the water, and the number of fire companies that should be used to apply the water at an incident.
 - (4) "Incident command system" means the combination of facilities, equipment, personnel, procedures, and communications operating within a common organizational structure with responsibility for the management of assigned resources to effectively accomplish stated objectives pertaining to an incident.
 - (5) "Incident commander" means the individual responsible for the management of all incident operations.
 - (6) "National Fire Academy" means the facility operated by the United States Fire Administration under the Federal Emergency Management Agency of the United States Department of Homeland Security.
 - (7) "Quick access prefire planning" means a process that creates necessary information concerning a structure prior to a fire incident. The process includes obtaining information about the structure including, without limitation:
 - (A) building description;
 - (B) occupancy type;
 - (C) hazard to personnel;
 - (D) water supply;
 - (E) estimated fire flow;
 - (F) fire behavior predictions;
 - (G) predicted strategies;
 - (H) problems anticipated; and
 - (I) fixed fire protection/detection systems.
 - (8) "Tactical Action Model" means a six (6) step process as follows:
 - STEP ONE: Receive a tactical or task order.
 - STEP TWO: Conduct a tactical size-up.
 - STEP THREE: Assign tasks.
 - STEP FOUR: Take action to complete tactical assignment.
 - STEP FIVE: Evaluate effectiveness of tactical operations.
 - STEP SIX: Report to supervisor on the effectiveness of the tactical operations.
 - (9) "Tactical size-up" means:
 - (A) evaluation of safety considerations;

- (B) construction and occupancy of the structure;
- (C) area of involvement;
- (D) probable fire spread;
- (E) identification of problems;
- (F) establishment of priorities; and
- (G) evaluation of resources.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-7.1; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2698)

655 IAC 1-2.1-8 Fire Officer I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 8. (a) The minimum training standards for Fire Officer I certification shall be as set out in that certain document, being titled as NFPA 1021, Standard for Fire Officer Professional Qualifications, Chapter 4, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 4 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall have been certified as:

- (1) at least a Firefighter II or First Class Firefighter for a period of at least one (1) year prior to the date of application;
- (2) a Fire Officer-Strategy and Tactics; and
- (3) an Instructor I.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-8; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3392; filed Sep 24, 1999, 10:02 a.m.: 23 IR 331; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2700)

655 IAC 1-2.1-9 Fire Officer II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 9. (a) The minimum training standards for Fire Officer II certification shall be as set out in that certain document, being titled as NFPA 1021, Standard for Fire Officer Professional Qualifications, Chapter 5, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 5 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall be certified as a Fire Officer I. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-9; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3392; filed Sep 24, 1999, 10:02 a.m.: 23 IR 331; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2700)*

655 IAC 1-2.1-10 Fire Officer III

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 10. (a) The minimum training standards for Fire Officer III certification shall be as set out in that certain document, being titled as NFPA 1021, Standard for Fire Officer Professional Qualifications, Chapter 6, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 6 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall be certified as a Fire Officer II. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-10; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3392; filed Sep 24, 1999, 10:02 a.m.: 23 IR 331; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2700)*

655 IAC 1-2.1-11 Fire Officer IV

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 11. (a) The minimum training standards for Fire Officer IV certification shall be as set out in that certain document, being titled as NFPA 1021, Standard for Fire Officer Professional Qualifications, Chapter 7, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 7 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall be certified as a Fire Officer III. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-11; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3392; filed Sep 24, 1999, 10:02 a.m.: 23 IR 331; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2701*)

655 IAC 1-2.1-12 Fire Inspector I

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 12. The minimum training standards for Fire Inspector I certification shall be as set out in that certain document, being titled as NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner, Chapter 4, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 4 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-12; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3392; filed Sep 24, 1999, 10:02 a.m.: 23 IR 331; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4015; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2701*)

655 IAC 1-2.1-13 Fire Inspector II

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 13. (a) The minimum training standards for Fire Inspector II certification shall be as set out in that certain document, being titled as NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner, Chapter 5, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 5 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall be certified as a Fire Inspector I. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-13; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3393; filed Sep 24, 1999, 10:02 a.m.: 23 IR 331; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2701*)

655 IAC 1-2.1-14 Fire Inspector III

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 14. The minimum training standards for Fire Inspector III certification shall be as set out in that certain document, being titled as NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner, Chapter 6, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 6 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-14; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3393; filed Sep 24, 1999, 10:02 a.m.: 23 IR 332; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4015; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2701*)

655 IAC 1-2.1-15 Fire Investigator I

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 15. The minimum training standards for Fire Investigator I certification shall be as set out in that certain document, being titled as NFPA 1033, Standard for Professional Qualifications for Fire Investigator, Chapter 4, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 4 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-15; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3393; filed Sep 24, 1999, 10:02 a.m.: 23 IR 332; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4015; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2701*)

655 IAC 1-2.1-16 Public Fire and Life Safety Educator I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 16. The minimum training standards for Public Fire and Life Safety Educator I certification shall be as set out in that certain document, being titled as NFPA 1035, Standard for Professional Qualifications for Public Fire and Life Safety Educator, Chapter 2, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-16; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3393; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1162; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-17 Public Fire and Life Safety Educator II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 17. (a) The minimum training standards for Public Fire and Life Safety Educator II certification shall be as set out in that certain document, being titled as NFPA 1035, Standard for Professional Qualifications for Public Fire and Life Safety Educator, Chapter 3, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(b) The candidate shall be certified as a Public Fire and Life Safety Educator I. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-17; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3393; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1162; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-18 Public Fire and Life Safety Educator III

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 18. (a) The minimum training standards for Public Fire and Life Safety Educator III certification shall be as set out in that certain document, being titled as NFPA 1035, Standard for Professional Qualifications for Public Fire and Life Safety Educator, Chapter 4, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(b) The candidate shall be certified as a Public Fire and Life Safety Educator II. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-18; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3393; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1162; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-19 Instructor I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 19. (a) The minimum training standards for Instructor I certification shall be as set out in that certain document, being titled as NFPA 1041, Standard for Fire Service Instructor Professional Qualifications, Chapter 4, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for a period of at least

one (1) year prior to the date of application.

(c) To maintain certification, the candidate shall accrue a minimum of thirty (30) hours of teaching or attendance at classes in training in adult education, for example:

- (1) learning objectives;
- (2) test construction; or
- (3) classroom teaching;

that shall be reported every three (3) years. Such report shall be received by the board not later than thirty (30) days after the expiration of the three (3) year period that commenced on the date of initial certification or the applicable three (3) year anniversary of such date.

(d) The training in adult education referred to in subsection (c) shall be acquired through classes that teach instructors techniques on teaching adult students. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-19; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3394; filed Sep 24, 1999, 10:02 a.m.: 23 IR 332; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4015*)

655 IAC 1-2.1-19.1 Instructor-Swift Water Rescue

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 19.1. (a) The minimum training standards for Instructor-Swift Water Rescue certification shall be as set out in this section.

(b) The candidate shall be certified as follows:

- (1) An Instructor I or an Indiana Law Enforcement Academy instructor.
- (2) A Swift Water Rescue Technician.
- (3) By the Indiana emergency medical services commission as at least a First Responder.
- (4) A currently certified Red Cross Life Guard.

(c) The candidate shall have served as an assistant instructor for at least one (1) training course for Swift Water Rescue Technician.

(d) The candidate shall have completed passing evaluations on a minimum of two (2) training modules in such training course. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-19.1; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1163; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4016*)

655 IAC 1-2.1-20 Instructor II/III

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 20. (a) The minimum training standards for Instructor II/III certification shall be as set out in that certain document, being titled as NFPA 1041, Standard for Fire Service Instructor Professional Qualifications, Chapters 5 and 6, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(b) The candidate shall:

(1) either be certified as:

- (A) an Instructor I; or
- (B) a First Class Instructor; and

(2) have taught, documented, and reported to the board thirty (30) hours of instruction.

(c) To maintain certification, the candidate shall accrue a minimum of thirty (30) hours of teaching or attendance at classes in training in adult education, for example:

- (1) learning objectives;
- (2) test construction; or
- (3) classroom teaching;

that shall be reported every three (3) years. The report shall be received by the board not later than thirty (30) days after the expiration of the three (3) year period that commenced on the date of initial certification, or the applicable three (3) year anniversary of the date.

(d) The training in adult education referred in subsection (c) shall be acquired through classes that teach instructors

techniques on teaching adult students. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-20; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3394; filed Sep 24, 1999, 10:02 a.m.: 23 IR 332; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4016; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2702*)

655 IAC 1-2.1-21 Instructor IV (*Repealed*)

Sec. 21. (*Repealed by Board of Firefighting Personnel Standards and Education; filed Sep 24, 1999, 10:02 a.m.: 23 IR 335*)

655 IAC 1-2.1-22 Safety Officer

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 22. (a) The minimum training standards for Safety Officer certification shall be as set out in that certain document, being titled as NFPA 1521, Standard for Fire Department Safety Officer Professional Qualifications, Chapter 6, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 6 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall be certified as a Fire Officer I. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-22; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3394; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1163; errata filed Jan 8, 2002, 1:55 p.m.: 25 IR 1645; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2702*)

655 IAC 1-2.1-23 Firefighter-Wildland Fire Suppression I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 23. (a) The minimum training standards for Firefighter-Wildland Fire Suppression I certification shall be as set out in that certain document, being titled as NFPA 1051, Standard for Wildland Firefighter Professional Qualifications, Chapters 4 and 5, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 4 and 5 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapters 1 and 2.

(b) The candidate shall be certified as a Basic Firefighter. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-23; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3395; errata filed Oct 3, 1996, 3:00 p.m.: 20 IR 332; filed Sep 24, 1999, 10:02 a.m.: 23 IR 333; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4016; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2702*)

655 IAC 1-2.1-23.1 Firefighter-Wildland Fire Suppression II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 23.1. (a) The minimum training standards for Firefighter-Wildland Fire Suppression II certification shall be as set out in that certain document, being titled as NFPA 1051, Standard for Wildland Firefighter Professional Qualifications, Chapter 6, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 6 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapters 1 and 2.

(b) The candidate shall be certified as a Firefighter-Wildland Fire Suppression I. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-23.1; filed Sep 24, 1999, 10:02 a.m.: 23 IR 333; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4017; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2702*)

655 IAC 1-2.1-24 Hazardous Materials First Responder-Awareness

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 24. The minimum training standards for Hazardous Materials First Responder-Awareness certification shall be as set out in that certain document, being titled as NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents Chapter 4, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 4 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-24; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3395; filed Sep 24, 1999, 10:02 a.m.: 23 IR 333; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4017; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2703*)

655 IAC 1-2.1-24.1 Hazardous Materials First Responder-Operations

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 24.1. (a) The minimum training standards for Hazardous Materials First Responder-Operations certification shall be as set out in that certain document, being titled as NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, Chapter 5, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 5 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall have been certified as a Hazardous Materials First Responder-Awareness. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-24.1; filed Sep 24, 1999, 10:02 a.m.: 23 IR 334; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4017; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2703*)

655 IAC 1-2.1-24.2 Hazardous Materials-Technician

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 24.2. (a) The minimum training standards for Hazardous Materials-Technician certification shall be as set out in that certain document, being titled as NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, Chapter 6, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 6 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall have been certified as a Hazardous Materials First Responder-Operations. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-24.2; filed Sep 24, 1999, 10:02 a.m.: 23 IR 334; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4017; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2703*)

655 IAC 1-2.1-24.3 Hazardous Materials-Incident Command

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 24.3. (a) The minimum training standards for Hazardous Materials-Incident Command certification shall be as set out in that certain document, being titled as NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, Chapter 7, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 7 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 2.

(b) The candidate shall have been certified as a Hazardous Materials First Responder-Awareness and Hazardous Materials First Responder-Operations. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-24.3; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4018; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2703*)

655 IAC 1-2.1-25 Emergency Vehicle Technician I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 25. (a) The minimum training standards for Emergency Vehicle Technician I certification shall be as set out in this section and sections 26 through 35 of this rule.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for a period of at least one (1) year prior to the date of application. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-25; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3395; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-26 Definition of terms and phrases

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 26. The candidate shall define the terms and phrases commonly used with emergency vehicles, apparatus, and testing of apparatus and equipment, including the following:

- (1) Acceptance test.
- (2) Amp meter.
- (3) Back-up alarm.
- (4) Certification test.
- (5) Chassis.
- (6) Gross axle weight rating (GAWR).
- (7) Gross combination weight rating (GCWR).
- (8) Gross vehicle weight rating (GVWR).
- (9) Listed.
- (10) Warning devices.
- (11) Specifications.

(*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-26; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3395; filed Sep 24, 1999, 10:02 a.m.: 23 IR 334; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-27 Apparatus and vehicles; types

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 27. The candidate shall identify and describe various types of emergency vehicles, including the following:

- (1) Ambulances, Types I, II, and III.
- (2) Rescue vehicles.
- (3) The four (4) types of fire department pumpers as follows:
 - (A) Pumper with foam capability.
 - (B) Pumper with elevating water device.
 - (C) Minipumper.
 - (D) Midipumper.
- (4) Initial attack pumper.
- (5) Mobile water supply apparatus.
- (6) Brush or booster apparatus.
- (7) Aerial ladder truck.
- (8) Elevating platform apparatus.
- (9) Ladder truck.
- (10) Quadruple ladder apparatus.
- (11) Quintuple ladder apparatus.
- (12) Aircraft fire apparatus.

(*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-27; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3395; filed Sep 24, 1999, 10:02 a.m.: 23 IR 334; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-28 Apparatus and vehicles standards and specifications

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 28. With respect to apparatus and vehicles standards and specifications, the candidate shall identify and describe the following:

- (1) KKK-A-1822C (1-1-90) Federal Ambulance Specification.
- (2) NFPA 1901)Pumper Fire Apparatus.
- (3) NFPA 1500)Fire Department Occupational Safety and Health Program.
- (4) Occupational Safety and Health Administration personal protection and signage requirements.
- (5) Occupational Safety and Health Administration requirements contained in 49 CFR 1910.120.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-28; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-29 Role of the technician

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 29. The candidate shall describe the emergency vehicle technician's role and responsibilities in providing vehicle, apparatus, and equipment care, service, and maintenance. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-29; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-30 Legal aspects

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 30. With respect to the service and maintenance of vehicles, apparatus, and equipment, the candidate shall explain how federal and state laws affect maintenance requirements and procedures. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-30; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-31 Service and maintenance

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 31. The candidate shall identify and demonstrate the elements of servicing and maintenance, including daily, weekly, monthly, and period inspection, and common maintenance problems as set out in that certain document, being titled as Fire Department Pumping Apparatus, Chapters 3, 7, 8, and glossary, 7th Edition, 1989, published by International Fire Service Training Association, Oklahoma State University, Stillwater, Oklahoma, as the same is hereby adopted by reference and made a part of this rule as if fully set out in this rule. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-31; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-32 Record keeping

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 32. The candidate shall demonstrate record keeping procedures for the maintenance performed on emergency vehicles, apparatus, and equipment. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-32; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-33 Vehicle components

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 33. With respect to vehicle components, the candidate shall do the following:

(1) Explain the types, functions, and hazards of each type of vehicle fluid, including the following:

(A) Fuel, for example:

(i) unleaded gasoline;

(ii) diesel; or

(iii) natural gas.

(B) Motor oil.

(C) Transmission fluid.

(D) Power steering fluid.

(E) Brake fluid.

(F) Engine coolant.

(G) Lubrication substances.

(2) Identify and describe the three (3) basic types of tire construction.

(3) Identify and describe tire design and performance elements.

(4) Describe the basic types, component parts, and fundamentals of brakes.

(5) Describe the following:

(A) Brake balance.

(B) Brake torque.

(C) Brake fade.

(6) Identify and describe the procedures for battery care and testing.

(7) Describe and explain the principles, components, and operating procedures of lubrication, coolant, and fueling.

(8) Describe the general operating principles of the automotive electrical systems.

(9) Describe the removal and replacement of windshield wiper blades.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-33; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-34 Automotive hazardous waste

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 34. The candidate shall identify and describe the proper safe handling and disposal techniques for automotive hazardous waste. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-34; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-35 General equipment maintenance

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 35. The candidate shall explain and demonstrate the procedures for the general inspection, maintenance, and care of the following:

(1) Ambulance cot.

(2) Flat head axe.

(3) Pick head axe.

(4) Ladders.

(5) Portable extinguishers.

(6) The following components of self-contained breathing apparatus:

(A) Facepiece.

(B) Harness.

(C) Regulator.

(D) Cylinder.

(7) Cord reels.

- (8) Portable lights.
- (9) Generators.
- (10) Couplings and hose.
- (11) Nozzles.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-35; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-36 Emergency vehicle technician II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 36. (a) The minimum training standards for Emergency Vehicle Technician II certification shall be as set out in this section and sections 37 through 60 of this rule.

(b) The candidate shall have been certified as an Emergency Vehicle Technician I. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-36; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-37 Budget procedures

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 37. The candidate shall describe the budget procedures for automotive maintenance operations. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-37; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-38 Apparatus and vehicles standards and specifications

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 38. With respect to apparatus and vehicles standards and specifications, the candidate shall identify and describe the following:

- (1) KKK-A-1822C (1-1-90) Federal Ambulance Specification.
- (2) NFPA 1901, Pumper Fire Apparatus, 1991 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269.
- (3) NFPA 1500, Fire Department Occupational Safety and Health Program, 1992 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269.
- (4) NFPA 1902, Initial Attack Fire Apparatus, 1991 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269.
- (5) NFPA 1904, Aerial Ladders and Elevated Platforms, 1991 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-38; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-39 Role of the technician

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 39. The candidate shall describe the emergency vehicle technician's role and responsibilities in providing vehicle, apparatus, and equipment care, service, and maintenance. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-39; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-40 Selection and review policy

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 40. The candidate shall explain how to establish a selection and review policy for vendor and repair selection.
(*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-40; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-41 Brake components

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 41. With respect to brake components, the candidate shall explain the types, components, functions, and repairs of the following brake systems:

(1) Hydraulic systems, including the following components and procedures:

- (A) Single-dual.
- (B) Tubes, hoses, and lines.
- (C) Wheel cylinders and calipers.
- (D) Disc brake calipers.
- (E) Brake safety switches.
- (F) Fluid.
- (G) Bleeding procedures.
- (H) Flushing.
- (I) Brake pedal.
- (J) Master cylinder.

(2) Drum brakes, including the following components and procedures:

- (A) Drum shoes, including lining and removal.
- (B) Wheel cylinder inspection and servicing.
- (C) Fixed, floating, and slider calipers.
- (D) Rotor.
- (E) Wheel bearing repacking and assembly.

(3) Air brake systems, including the following components and procedures:

- (A) Air compressor.
- (B) Governor.
- (C) Reservoir.
- (D) Reservoir draining device.
- (E) Air dryer.
- (F) Brake application valves.
- (G) Brake chambers.
- (H) Brake liner actuation.
- (I) Slack adjusters.
- (J) Pressure.
- (K) Maintenance intervals.

(4) Automatic transmission retarders.

(5) Jake brakes.

(6) Parking brakes.

(*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-41; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-42 Steering operations

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 42. The candidate shall identify and describe the types, components, and repairs of steering operations, including

the following:

- (1) Cross steering levers, sockets, and tube assembly.
- (2) Drag link.
- (3) Pivot center.
- (4) Steering gear lever and gear shaft.
- (5) Knuckle and knuckle spindle.
- (6) Steering lever.
- (7) Alignment factors, including the following:
 - (A) Camber.
 - (B) Caster, caster positive, caster negative, zero.
 - (C) Included angle.
 - (D) Knuckle pin inclination.
 - (E) Steering error and steering geometry.
 - (F) Toe-in.
 - (G) Turning angle and turning radius.
 - (H) Wheel balance.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-42; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3398; errata filed Oct 3, 1996, 3:00 p.m.: 20 IR 332; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-43 Power train

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 43. The candidate shall identify and describe the functions, components, and repairs of the power train, including the following:

- (1) Clutches, their components and parts, including the following:
 - (A) Automatic clutch adjustment.
 - (B) Coaxial spring damper.
 - (C) Clutch failure.
 - (D) Clutch brake.
- (2) Manual transmissions, including synchronizing devices.
- (3) Automatic transmissions, including the following:
 - (A) Torque converter.
 - (B) Constant-mesh planetary gearing system.
 - (C) Automatic hydraulic control.
 - (D) Lockup clutch.
 - (E) Hydraulic system.
 - (F) Torque paths through the system.
 - (G) Automatic upshifts.
 - (H) Automatic downshifts.
- (4) Allison transmission electronic control.
- (5) Driveline, including the following:
 - (A) Slip joints.
 - (B) Universal joints.
 - (C) Propeller shaft.
 - (D) Differential.
- (6) Rear axles, including the following:
 - (A) Two (2) speed axle.
 - (B) Tandem drive axles.
 - (C) Lockout mechanism.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-43; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3398; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-44 Chassis

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 44. With respect to chassis, the candidate shall identify and describe the following:

- (1) Standard commercial chassis.
- (2) Designed custom built chassis.
- (3) Package chassis.
- (4) Frame.
- (5) Gross vehicle weight.
- (6) Gross axle weight rating.
- (7) Gross combination weight rating.
- (8) Gross vehicle weight rating.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-44; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3398; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-45 Gasoline and diesel engine

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 45. With respect to chassis, the candidate shall identify and describe the following:

- (1) Gasoline engines, including operating principles and proper combustion.
- (2) Diesel engines, including operating principles and fuel injection.
- (3) Engine construction, including the following:
 - (A) Cylinders.
 - (B) Pistons and piston rings.
 - (C) Combustion chamber.
 - (D) Valves.
 - (E) Cams and camshafts.
 - (F) Crankshafts.
 - (G) Flywheel.
 - (H) Connecting rods.
 - (I) Wrist pins.
 - (J) Cylinder pins.
 - (K) Manifold.
 - (L) Oil pan.

- (4) Engine performance standards, including the following:

- (A) Engine displacement.
- (B) Horsepower.
- (C) Rated or SAE horsepower.
- (D) Brake horsepower.
- (E) Indicated horsepower.
- (F) Friction horsepower.
- (G) Torque.
- (H) Volumetric efficiency.
- (I) Engine efficiency.
- (J) Overall efficiency.

- (5) Fuel system components, including the following:

- (A) Fuel tank.
- (B) Fuel pumps.
- (C) Fuel filters.

- (D) Fuel gauges.
- (E) Carburetors, including the following:
 - (i) Float system.
 - (ii) Main metering.
 - (iii) Idle.
 - (iv) Accelerating pump.
 - (v) Power enrichment.
- (F) Gasoline fuel injector systems.
- (G) Diesel fuel injector systems.
- (6) Ignition system components, including the following:
 - (A) Battery.
 - (B) Ignition switch.
 - (C) Ignition coil.
 - (D) Distributor.
 - (E) Condenser.
 - (F) Ignition cables.
 - (G) Spark plugs, including the following:
 - (i) Construction.
 - (ii) Engine performance.
 - (iii) Heat range.
 - (iv) Misfire.
 - (H) Diesel engine glow plugs.
 - (I) Exhaust oxygen sensor.
 - (J) Electronic ignition system, including the following:
 - (i) Basis.
 - (ii) Electronic control module.
 - (iii) Ballast resistor.
 - (iv) Ignition cables.
 - (v) Spark plugs.

(7) Lubrication systems, including the properties of engine oil.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-45; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3398; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-46 Cooling system

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 46. With respect to the cooling system, the candidate shall identify and describe the following:

- (1) Engine coolant.
- (2) Water pump.
- (3) Water manifold.
- (4) Thermostat.
- (5) Radiator.
- (6) Engine cooling fan.
- (7) Thermo-modulated fan.
- (8) Coolant filter and conditioner.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-46; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3399; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-47 Electrical system

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 47. With respect to the electrical system, the candidate shall identify and describe the operation and repair of the following:

- (1) Starting motor.
- (2) Alternators.
- (3) Generators.
- (4) Regulators, including the following:
 - (A) Cutout relay.
 - (B) Current regulator.
 - (C) Voltage regulator.
- (5) Storage battery, including the following:
 - (A) Servicing the battery.
 - (B) Battery safety precautions.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-47; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3399; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-48 Fire pump

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 48. With respect to the fire pumps, the candidate shall identify and describe the theory and operation of the following:

- (1) Positive displacement pumps, including the following:
 - (A) Piston type.
 - (B) Rotary type.
 - (C) Centrifugal type.
 - (D) Pump slippage.
 - (E) Single stage.
 - (F) Multiple-stage.
 - (G) Series-parallel.
 - (H) Cavitation.
 - (I) Booster pumps.
 - (J) High pressure pumps.
 - (K) Priming pumps.
 - (L) Pump maintenance.
 - (M) Pump troubleshooting.
- (2) Pump operator's panel.
- (3) Priming devices, including the following:
 - (A) Priming valve.
 - (B) Priming tank.
 - (C) Priming operations.
- (4) Pressure control devices.
- (5) Relief valve.
- (6) Suction safety relief.
- (7) Pressure governors.
- (8) Auxiliary cooling system.
- (9) Radiator fill system.
- (10) Pump intake and discharge gages.
- (11) Flow meters.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-48; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3399; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-49 Apparatus water tanks

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 49. The candidate shall explain the operation, cleaning, inspection, and repair procedures for apparatus water tanks. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-49; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3400; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-50 General apparatus testing

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 50. With respect to general apparatus testing, the candidate shall identify and describe the following:

- (1) Preservice tests.
- (2) Manufacturers' tests.
- (3) Certification tests, including the following:
 - (A) Vacuum test.
 - (B) Three (3) hour pump test.
 - (C) Automatic pressure control test.
 - (D) Tank to pump flow rate test.
- (4) Acceptance test.
- (5) Pumper service test.

(*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-50; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3400; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-51 Basic pumper service test

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 51. With respect to basic pumper service testing, the candidate shall demonstrate the following:

- (1) Dry vacuum test.
- (2) Priming test.
- (3) Capacity test.
- (4) Ignition test.
- (5) Pressure governor or relief valve test.
- (6) Overload test.
- (7) Tank-to-pump flow test.

(*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-51; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3400; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-52 Repair, repower, recondition, and replacement factors

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 52. The candidate shall explain the factors to be considered for apparatus repair, repower, recondition, or replacement. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-52; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3400; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-53 Apparatus purchase specification

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 53. The candidate shall identify and describe the procedures for preparing and participating in developing

apparatus purchase specifications, including the following:

- (1) Determination of performance requirements.
- (2) Preparation of bid specifications.
- (3) Advertising for bidders.
- (4) Hold prebid conferences.
- (5) Revising specifications.
- (6) Soliciting formal bids.
- (7) Evaluating bids.
- (8) Awarding contracts.
- (9) Monitoring manufacturing, including the following:
 - (A) Preconstruction visits.
 - (B) Prepaint inspection.
- (10) Conducting acceptance tests.
- (11) Evaluating bid procedures.
- (12) Collecting data on equipment operation and maintenance.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-53; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3400; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-54 Nozzle inspection; service and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 54. With respect to nozzle inspection, service, and repair, the candidate shall describe such procedures, including those for the following:

- (1) Adjustment ring.
- (2) Handle.
- (3) Protection screen.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-54; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3400; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-55 Hose inspection; service and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 55. With respect to hose inspection, service, and repair, the candidate shall describe such procedures, including those for service couplings, and testing and marking hose. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-55; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-56 Wyes and gated wyes; inspection, service, and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 56. With respect to the inspection, service, and repair of wyes and gated wyes, the candidate shall describe such procedures. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-56; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-57 Ground ladders; inspection, service, and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 57. With respect to the inspection, service, and repair of ground ladders, the candidate shall describe such procedures. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-57; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-58 Vehicle mounted or portable generator; inspection, service, testing, and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 58. With respect to the inspection, service, testing, and repair of vehicle mounted or portable generators, the candidate shall describe such procedures. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-58; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-59 Ventilation fans; inspection, service, testing, and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 59. With respect to the inspection, service, testing, and repair of ventilation fans, the candidate shall describe such procedures. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-59; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-60 Fire service saws; inspection, service, testing, and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 60. With respect to the inspection, service, testing, and repair of fire service saws, the candidate shall describe such procedures, including those for the following:

(1) Rotating saw.

(2) Chain saw.

(3) Reciprocating saw.

(*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-60; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-61 Fire Service Engineering Technician

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 61. (a) The minimum training standards for Fire Service Engineering Technician certification shall be as set out in this section and sections 62 through 64 of this rule.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for one (1) year. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-61; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-62 Sprinkler system

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 62. With respect to sprinkler systems, the candidate shall identify and describe the following:

(1) Types of sprinkler systems.

(2) Sprinkler system components.

(3) Inspection and maintenance procedures for sprinkler systems.

(4) Practical applications of sprinkler systems.

(5) Fire attack at sprinklered structures.

(*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-62; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-63 Fire alarm and protection system

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 63. With respect to fire alarm and protection systems, the candidate shall identify and describe the following:

- (1) Carbon dioxide systems.
- (2) Fire detection and alarm systems.
- (3) Standpipe systems.
- (4) Dry and wet chemical systems.
- (5) Halon and other clear agent systems.
- (6) Types of fixed systems.
- (7) Fire attack with foam agents.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-63; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-64 Calculations, rating, and testing

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 64. With respect to calculations, rating, and testing, the candidate shall do the following:

- (1) Demonstrate a sprinkler system test.
- (2) Explain fire extinguisher ratings.
- (3) Explain water supply and water supply testing.
- (4) Perform hydraulic calculations.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-64; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-65 Motor Sports Emergency Responder

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 65. (a) The minimum training standards for Motor Sports Emergency Responder certification shall be as set out in this section and sections 66 through 74 of this rule.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for one (1) year. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-65; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; errata filed Oct 3, 1996, 3:00 p.m.: 20 IR 332; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-66 Competitions, arenas, and vehicles

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 66. With respect to competitions, arenas, and vehicles, the candidate shall identify and describe the following:

- (1) Types of motor sports competitions.
- (2) Types of motor sports arenas, including the general requirements for each.
- (3) Types of motor sports vehicles used in competition.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-66; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-67 Emergency protection

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 67. The candidate shall identify and describe the minimum equipment requirements to provide adequate emergency protection at a motor sport event, including the following:

- (1) Fire extinguishment equipment, mechanisms, agents, and proper uses.
- (2) Extrication equipment.
- (3) First responder medical equipment.
- (4) Materials used for safe cleanup of track.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-67; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-68 Physical condition assessment

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 68. With respect to physical condition assessment, the candidate shall be able to:

- (1) quickly assess the driver's physical condition;
- (2) determine if the driver is in any immediate danger;
- (3) assess the driver's level of consciousness and airway patency; and
- (4) support the driver until he or she receives definitive medical care.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-68; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-69 Personal safety

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 69. The candidate shall identify and describe the requirements for personal safety while performing the following:

- (1) Firefighting.
- (2) Motor sports response.
- (3) Extrication.
- (4) Medical evaluation.
- (5) Track cleanup.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-69; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-70 Extrication

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 70. With respect to extrication, the candidate shall explain and perform the extrication and removal of the driver from a variety of common motor sports vehicles. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-70; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-71 Common fires and fuel sources

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 71. With respect to common motor sports fires and fuel sources, the candidate shall identify and describe the following:

- (1) Common types of motor sports fires.
- (2) Petroleum mixtures or compounds.
- (3) Engine lubricants.

(4) Manmade compounds.

(5) Electrical and mechanical ignition sources.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-71; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-72 Safety warning devices and radio communication

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 72. The candidate shall:

(1) identify and describe visual and audible safety warning devices; and

(2) explain the proper use of radio communication.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-72; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3403; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-73 Incident command, priorities, and stabilization

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 73. With respect to incident command, priorities, and stabilization, the candidate shall do the following:

(1) Explain the incident command structure and responsibilities.

(2) Explain the role of the motor sports responder in the safe operation of any motor sports event.

(3) Explain safe response to an incident, including the following:

(A) Evaluate the scene for fire and medical issues.

(B) Survey of spectator areas for injuries.

(C) Cleanup of debris.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-73; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3403; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-74 Placement of emergency apparatus; personnel safety

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 74. The candidate shall explain the safe placement of emergency apparatus in a variety of scenarios and necessary safety precautions applicable to working personnel, participants, and spectators. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-74; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3403; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-75 Rope Rescuer-Awareness

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 75. (a) The minimum training standards for Rope Rescuer-Awareness certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapters 4 and 5, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

(A) not adopted;

(B) not enforceable; and

(C) referenced for information purposes only.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for one (1) year. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-75; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3403; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1163; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2704*)

655 IAC 1-2.1-75.1 Rescue Technician-Surface Water Rescue

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 75.1. (a) The minimum training standards for Rescue Technician-Surface Water Rescue certification shall be as set out in that certain document, being titled as NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapters 2 and 5, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 and 5 require compliance with another NFPA standard, such standard shall be that which is referred to in Appendix E.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for one (1) year. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-75.1; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1163; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-75.2 Vehicle and Machinery Rescuer-Awareness

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 75.2. (a) The minimum training standards for Vehicle and Machinery Rescuer Awareness certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 8, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2 and Section 6-2, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(3) NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, Chapter 4, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(b) The candidate shall have been certified as a Hazardous Materials First Responder-Awareness. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-75.2; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1164; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2704*)

655 IAC 1-2.1-75.3 Confined Space Rescuer-Awareness

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 75.3. (a) The minimum training standards for Confined Space Rescuer-Awareness certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 9, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 4-2 and Section 5-2, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

(A) not adopted;

(B) not enforceable; and

(C) referenced for information purposes only.

(3) NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, Chapter 4, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

(A) not adopted;

(B) not enforceable; and

(C) referenced for information purposes only.

(b) The candidate shall have been certified as:

(1) at least a Firefighter II or First Class Firefighter for one (1) year;

(2) a Rope Rescuer-Awareness; and

(3) Hazardous Materials First Responder-Awareness.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-75.3; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1164; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2704)

655 IAC 1-2.1-75.4 Structural Collapse Rescuer-Awareness

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 75.4. (a) The minimum training standards for Structural Collapse Rescuer-Awareness certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 10, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 3-2, and Section 5-2, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

(A) not adopted;

(B) not enforceable; and

(C) referenced for information purposes only.

(b) The candidate shall have been certified as:

(1) at least a Firefighter II or First Class Firefighter for one (1) year;

(2) a Rope Rescuer-Awareness;

(3) a Hazardous Materials First Responder-Awareness; and

(4) a Confined Space Rescuer-Awareness.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-75.4; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1164; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2705)

655 IAC 1-2.1-75.5 Trench Rescuer-Awareness

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 75.5. (a) The minimum training standards for Trench Rescuer-Awareness certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 11, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 5-2 and Section 9-2, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

(A) not adopted;

(B) not enforceable; and

(C) referenced for information purposes only.

(3) NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, Chapter 4, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

(A) not adopted;

(B) not enforceable; and

(C) referenced for information purposes only.

(b) The candidate shall have been certified as:

(1) at least a Firefighter II or First Class Firefighter for one (1) year;

(2) a Confined Space Rescuer-Awareness;

(3) a Rope Rescuer-Awareness; and

(4) a Hazardous Materials First Responder-Awareness.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-75.5; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1164; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2705)

655 IAC 1-2.1-76 Incident management system *(Repealed)*

Sec. 76. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-76.1 Swift Water Rescuer-Awareness

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 76.1. (a) The minimum training standards for Swift Water Rescuer-Awareness certification shall be as set out in that certain document, being titled as NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Section 7-2, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

(1) not adopted;

(2) not enforceable; and

(3) referenced for information purposes only.

(b) The candidate shall have been certified as:

(1) at least a Firefighter II or First Class Firefighter for one (1) year; and

(2) a Rope Rescuer-Awareness.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-76.1; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1164; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2706)

655 IAC 1-2.1-76.2 Description requirements *(Repealed)*

Sec. 76.2. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2712)*

655 IAC 1-2.1-76.3 Demonstration requirements *(Repealed)*

Sec. 76.3. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2712)*

655 IAC 1-2.1-77 Safety requirements *(Repealed)*

Sec. 77. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-78 Physics requirements *(Repealed)*

Sec. 78. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-79 Search requirements *(Repealed)*

Sec. 79. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-80 Extrication *(Repealed)*

Sec. 80. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-81 Trench requirements *(Repealed)*

Sec. 81. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-82 Confined space rescue *(Repealed)*

Sec. 82. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-83 Structural collapse rescue *(Repealed)*

Sec. 83. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-84 Heavy machinery rescue *(Repealed)*

Sec. 84. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-85 Line rescue *(Repealed)*

Sec. 85. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-86 Water rescue *(Repealed)*

Sec. 86. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-87 Incident manager *(Repealed)*

Sec. 87. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-88 Land-Based Firefighter-Marine Vessel Fires

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 88. (a) The minimum training standards for Land-Based Firefighter-Marine Vessel Fires certification shall be as set out in that certain document, being titled as NFPA 1405, Guide for Land-Based Firefighters Who Respond to Marine Vessel Fires, Chapters 2 through 15, 2001 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 through 15 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 16.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for a period of at least one (1) year prior to the date of application. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-88; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3412; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4018)*

655 IAC 1-2.1-89 Fire Medic I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 89. (a) This section comprises the minimum requirements for certification as a Fire Medic I.

(b) The candidate shall hold a current certification as an emergency medical first responder issued by the Indiana emergency medical services commission pursuant to 836 IAC 1-10 *[836 IAC 1-10 was repealed filed Jun 30, 2000, 4:18 p.m.: 23 IR 2759.]*.

(c) The candidate shall be certified as a Basic Firefighter, Firefighter I, Firefighter II, Second Class Firefighter, or First Class Firefighter. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-89; filed Sep 24, 1999, 10:02 a.m.: 23 IR 334; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-90 Fire Medic II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 90. (a) This section comprises the minimum requirements for certification as a Fire Medic II.

(b) The candidate shall hold a current certification as a basic emergency medical technician issued by the Indiana emergency medical services commission pursuant to 836 IAC 1-5.

(c) The candidate shall be certified as a Basic Firefighter, Firefighter I, Firefighter II, Second Class Firefighter, or First Class Firefighter. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-90; filed Sep 24, 1999, 10:02 a.m.: 23 IR 335; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-91 Fire Medic III

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 91. (a) This section comprises the minimum requirements for certification as a Fire Medic III.

(b) The candidate shall hold a current certification as an advanced emergency medical technician issued by the Indiana emergency medical services commission pursuant to 836 IAC 1-9.1.

(c) The candidate shall be certified as a Firefighter I, Firefighter II, Second Class Firefighter, or First Class Firefighter. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-91; filed Sep 24, 1999, 10:02 a.m.: 23 IR 335; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-92 Fire Medic IV

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 92. (a) This section comprises the minimum requirements for certification as a Fire Medic IV.

(b) The candidate shall hold a current certification as a paramedic issued by the Indiana emergency medical services commission pursuant to 836 IAC 2-6.

(c) The candidate shall be certified as a Firefighter II or First Class Firefighter. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-92; filed Sep 24, 1999, 10:02 a.m.: 23 IR 335; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-93 Public Information Officer

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 93. The minimum training standards for Public Information Officer certification shall be as set out in that certain document, being titled as NFPA 1035, Standard for Professional Qualifications for Public Fire and Life Safety Educator, Chapter 5, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-93; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1165; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-94 Juvenile Firesetter Intervention Specialist I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 94. The minimum training standards for Juvenile Firesetter Intervention Specialist I certification shall be as set out in that certain document, being titled as NFPA 1035, Standard for Professional Qualifications for Public Fire and Life Safety Educator, Chapters 2 and 6, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-94; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1165; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-95 Juvenile Firesetter Intervention Specialist II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 95. The minimum training standards for Juvenile Firesetter Intervention Specialist II certification shall be as set out in that certain document, being titled as NFPA 1035, Standard for Professional Qualifications for Public Fire and Life Safety Educator, Chapters 2, 6, and 7, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-95; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1165; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-96 Rope Rescuer-Operations

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 96. (a) The minimum training standards for Rope Rescuer-Operations certification shall be as set out in those

certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapters 4, 5, and 6, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 4-2 and Section 4-3, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(b) The candidate shall have been certified as:

- (1) an Indiana First Responder; and
- (2) a Rope Rescuer-Awareness.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-96; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2706)

655 IAC 1-2.1-97 Rope Rescuer-Technician

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 97. (a) The minimum training standards for Rope Rescuer-Technician certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapters 4, 5, and 6, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 4-2, Section 4-3, and Section 4-4, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(b) The candidate shall have been certified as:

- (1) an Indiana First Responder;
- (2) a Rope Rescuer-Awareness; and
- (3) a Rope Rescuer-Operations.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-97; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2706)

655 IAC 1-2.1-98 Vehicle and Machinery Rescuer-Operations

Authority: IC 22-14-2-7

Affected: IC 36-8-10.5-7

Sec. 98. (a) The minimum training standards for Vehicle and Machinery Rescuer-Operations certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 8, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and

made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 6-2 and Section 6-3, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(3) NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, Chapter 5, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(b) The candidate shall have been certified as:

- (1) a Hazardous Materials First Responder-Awareness;
- (2) a Hazardous Materials First Responder-Operations;
- (3) an Indiana First Responder;
- (4) having complied with the training course mandated in IC 36-8-10.5-7(b); and
- (5) a Vehicle and Machinery Rescuer-Awareness.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-98; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2706)

655 IAC 1-2.1-99 Vehicle and Machinery Rescuer-Technician

Authority: IC 22-14-2-7

Affected: IC 36-8-10.5-7

Sec. 99. (a) The minimum training standards for Vehicle and Machinery Rescuer-Technician certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 8, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 6-2, Section 6-3, and Section 6-4, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(3) NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, Chapters 4 and 5, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(b) The candidate shall have been certified as:

- (1) a Hazardous Materials First Responder-Awareness;

- (2) a Hazardous Materials First Responder-Operations;
- (3) an Indiana First Responder;
- (4) having complied with the training course mandated in IC 36-8-10.5-7(b);
- (5) a Vehicle and Machinery Rescuer-Awareness; and
- (6) a Vehicle and Machinery Rescuer-Operations.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-99; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2707)

655 IAC 1-2.1-100 Confined Space Rescuer-Operations

Authority: IC 22-14-2-7

Affected: IC 36-8-10.5-7

Sec. 100. (a) The minimum training standards for Confined Space Rescuer-Operations certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 9, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 4-2, Section 5-2, and Section 5-3, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(3) NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, Chapter 4, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(b) The candidate shall have been certified as:

- (1) an Indiana First Responder;
- (2) a Rope Rescuer-Awareness;
- (3) a Rope Rescuer-Operations;
- (4) a Hazardous Materials First Responder-Awareness;
- (5) a Hazardous Materials First Responder-Operations;
- (6) a Vehicle and Machinery Rescuer-Awareness;
- (7) a Vehicle and Machinery Rescuer-Operations;
- (8) a Confined Space Rescuer-Awareness; and
- (9) having complied with the training course mandated in IC 36-8-10.5-7(b).

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-100; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2707)

655 IAC 1-2.1-101 Confined Space Rescuer-Technician

Authority: IC 22-14-2-7

Affected: IC 36-8-10.5-7

Sec. 101. (a) The minimum training standards for Confined Space Rescuer-Technician certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 9, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 4-2, Section 5-2, Section 5-3, and Section 5-4, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts

02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(3) NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, Chapter 4, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(b) The candidate shall have been certified as:

- (1) an Indiana First Responder;
- (2) a Rope Rescuer-Awareness;
- (3) a Rope Rescuer-Operations;
- (4) a Rope Rescuer-Technician;
- (5) a Hazardous Materials First Responder-Awareness;
- (6) a Hazardous Materials First Responder-Operations;
- (7) a Vehicle and Machinery Rescuer-Awareness;
- (8) a Vehicle and Machinery Rescuer-Operations;
- (9) a Confined Space Rescuer-Awareness;
- (10) a Confined Space Rescuer-Operations; and
- (11) having complied with the training course mandated in IC 36-8-10.5-7(b).

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-101; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2708)

655 IAC 1-2.1-102 Structural Collapse Rescuer-Operations

Authority: IC 22-14-2-7

Affected: IC 36-8-10.5-7

Sec. 102. (a) The minimum training standards for Structural Collapse Rescuer-Operations certification shall be as set out in those certain documents, being titled as follows:

- (1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 10, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule.
- (2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 3-2, Section 3-3, Section 4-3, Section 6-3, and Section 9-3, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, NFPA 1561, and referenced U.S. Federal Emergency Management Agency regulations are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(b) The candidate shall have been certified as:

- (1) an Indiana First Responder;
- (2) a Rope Rescuer-Awareness;
- (3) a Rope Rescuer-Operations;
- (4) a Hazardous Materials First Responder-Awareness;
- (5) a Hazardous Materials First Responder-Operations;
- (6) a Vehicle and Machinery Rescuer-Awareness;
- (7) a Vehicle and Machinery Rescuer-Operations;
- (8) a Confined Space Rescuer-Awareness;
- (9) a Confined Space Rescuer-Operations;
- (10) a Trench Rescuer-Awareness;

- (11) a Trench Rescuer-Operations;
- (12) a Swift Water Rescuer-Awareness; and
- (13) having complied with the training course mandated in IC 36-8-10.5-7(b).

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-102; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2708)

655 IAC 1-2.1-103 Structural Collapse Rescuer-Technician

Authority: IC 22-14-2-7

Affected: IC 36-8-10.5-7

Sec. 103. (a) The minimum training standards for Structural Collapse Rescuer-Technician certification shall be as set out in those certain documents, being titled as follows:

- (1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 10, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule.
- (2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 3-2, Section 3-3, Section 4-3, Section 4-4, Section 5-4, Section 6-4, and Section 9-4, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(b) The candidate shall have been certified as:

- (1) an Indiana First Responder;
- (2) a Rope Rescuer-Awareness;
- (3) a Rope Rescuer-Operations;
- (4) a Rope Rescuer-Technician;
- (5) a Hazardous Materials First Responder-Awareness;
- (6) a Hazardous Materials First Responder-Operations;
- (7) a Vehicle and Machinery Rescuer-Awareness;
- (8) a Vehicle and Machinery Rescuer-Operations;
- (9) a Vehicle and Machinery Rescuer-Technician;
- (10) a Confined Space Rescuer-Awareness;
- (11) a Confined Space Rescuer-Operations;
- (12) a Confined Space Rescuer-Technician;
- (13) a Trench Rescuer-Awareness;
- (14) a Trench Rescuer-Operations;
- (15) a Trench Rescuer-Technician;
- (16) a Swift Water Rescuer-Awareness; and
- (17) having complied with the training course mandated in IC 36-8-10.5-7(b).

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-103; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2709)

655 IAC 1-2.1-104 Trench Rescuer-Operations

Authority: IC 22-14-2-7

Affected: IC 36-8-10.5-7

Sec. 104. (a) The minimum training standards for Trench Rescuer-Operations certification shall be as set out in those certain documents, being titled as follows:

- (1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 11, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and

(C) referenced for information purposes only.
(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 4-3, Section 5-3, Section 6-3, Section 9-2, and Section 9-3, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

(A) not adopted;

(B) not enforceable; and

(C) referenced for information purposes only.

(3) NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, Chapter 4, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

(A) not adopted;

(B) not enforceable; and

(C) referenced for information purposes only.

(b) The candidate shall have been certified as:

(1) a Confined Space Rescuer-Awareness;

(2) a Confined Space Rescuer-Operations;

(3) a Rope Rescuer-Awareness;

(4) a Rope Rescuer-Operations;

(5) a Vehicle and Machinery Rescuer-Awareness;

(6) a Vehicle and Machinery Rescuer-Operations;

(7) a Hazardous Materials First Responder-Awareness;

(8) a Hazardous Materials First Responder-Operations;

(9) a Trench Rescuer-Awareness;

(10) having complied with the training course mandated in IC 36-8-10.5-7(b); and

(11) an Indiana First Responder.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-104; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2709)

655 IAC 1-2.1-105 Trench Rescuer-Technician

Authority: IC 22-14-2-7

Affected: IC 36-8-10.5-7

Sec. 105. (a) The minimum training standards for Trench Rescuer-Technician certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 11, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 4-3, Section 5-3, Section 6-3, Section 9-2, Section 9-3, and Section 9-4, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

(A) not adopted;

(B) not enforceable; and

(C) referenced for information purposes only.

(3) NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, Chapter 4, 2002 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

(A) not adopted;

(B) not enforceable; and

(C) referenced for information purposes only.

(b) The candidate shall have been certified as:

(1) a Confined Space Rescuer-Awareness;

- (2) a Confined Space Rescuer-Operations;
- (3) a Confined Space Rescuer-Technician;
- (4) a Rope Rescuer-Awareness;
- (5) a Rope Rescuer-Operations;
- (6) a Rope Rescuer-Technician;
- (7) a Vehicle and Machinery Rescuer-Awareness;
- (8) a Vehicle and Machinery Rescuer-Operations;
- (9) a Vehicle and Machinery Rescuer-Technician;
- (10) a Hazardous Materials First Responder-Awareness;
- (11) a Hazardous Materials First Responder-Operations;
- (12) a Trench Rescuer-Awareness;
- (13) a Trench Rescuer-Operations;
- (14) having complied with the training course mandated in IC 36-8-10.5-7(b); and
- (15) an Indiana First Responder.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-105; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2710)

655 IAC 1-2.1-106 Swift Water Rescuer-Operations

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 106. (a) The minimum training standards for Swift Water Rescuer-Operations certification shall be as set out in that certain document, being titled as NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Section 4-3, Section 7-2, Section 7-3.1, Section 7-3.2, Section 7-3.3, Section 7-3.4, Section 7-3.5, and Section 7-3.9, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (1) not adopted;
- (2) not enforceable; and
- (3) referenced for information purposes only.
- (b) The candidate shall have been certified as:
 - (1) a Rope Rescuer-Awareness;
 - (2) a Rope Rescuer-Operations;
 - (3) a Hazardous Materials First Responder-Awareness;
 - (4) a Swift Water Rescuer-Awareness; and
 - (5) an Indiana First Responder.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-106; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2710)

655 IAC 1-2.1-107 Swift Water Rescuer-Technician

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 107. (a) The minimum training standards for Swift Water Rescuer-Technician certification shall be as set out in that certain document, being titled as NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Section 7-3.1, Section 7-3.2, Section 7-3.3, Section 7-3.4, Section 7-3.5, and Section 7-4.10, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (1) not adopted;
- (2) not enforceable; and
- (3) referenced for information purposes only.
- (b) The candidate shall have been certified as:
 - (1) a Rope Rescuer-Awareness;
 - (2) a Rope Rescuer-Operations;
 - (3) a Hazardous Materials First Responder-Awareness;

- (4) a Swift Water Rescuer-Awareness;
- (5) a Swift Water Rescuer-Operations; and
- (6) an Indiana First Responder.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-107; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2710)

655 IAC 1-2.1-108 Wilderness Rescuer-Awareness

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 108. (a) The minimum training standards for Wilderness Rescuer-Awareness certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 14, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, and Section 8-2, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(b) The candidate shall have been certified as:

- (1) at least a Firefighter II or First Class Firefighter for one (1) year; and
- (2) a Rope Rescuer-Awareness.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-108; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2711)

655 IAC 1-2.1-109 Wilderness Rescuer-Operations

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 109. (a) The minimum training standards for Wilderness Rescuer-Operations certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 1, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 8-3, and Section 4-3, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

- (A) not adopted;
- (B) not enforceable; and
- (C) referenced for information purposes only.

(b) The candidate shall have been certified as:

- (1) an Indiana First Responder;
- (2) a Rope Rescuer-Awareness;
- (3) a Rope Rescuer-Operations;
- (4) a Hazardous Materials First Responder-Awareness; and

(5) a Wilderness Rescuer-Awareness.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-109; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2711)

655 IAC 1-2.1-110 Wilderness Rescuer-Technician

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 110. (a) The minimum training standards for Wilderness Rescuer-Technician certification shall be as set out in those certain documents, being titled as follows:

(1) NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapter 14, 2003 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

(A) not adopted;

(B) not enforceable; and

(C) referenced for information purposes only.

(2) NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents, Chapter 2, Section 3-2, Section 4-4, Section 7-2, Section 8-2, and Section 8-3, 1999 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. NFPA 1500, NFPA 1521, and NFPA 1561 are:

(A) not adopted;

(B) not enforceable; and

(C) referenced for information purposes only.

(b) The candidate shall have been certified as:

(1) an Indiana First Responder;

(2) a Rope Rescuer-Awareness;

(3) a Rope Rescuer-Operations;

(4) a Rope Rescuer-Technician;

(5) a Hazardous Materials First Responder-Awareness;

(6) a Swift Water Rescuer-Awareness;

(7) a Wilderness Rescuer-Awareness; and

(8) a Wilderness Rescuer-Operations.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-110; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2711)

655 IAC 1-2.1-111 Definitions for National Incident Management System-First Responder certifications

Authority: IC 22-14-2-7

Affected: IC 36-8-10.5-7

Sec. 111. The following definitions apply to National Incident Management System-First Responder certifications:

(1) "Agency" means the Indiana department of homeland security.

(2) "Agency representative" means a person assigned by a primary, assisting, or cooperating federal, state, local, or tribal government agency or private entity that has been delegated authority to make decisions affecting that agency's or organization's participation in incident management activities following appropriate consultation with the leadership of that agency.

(3) "Air operations branch" means the branch responsible for managing all aircraft operations, including both tactical and operational, at an incident.

(4) "Area command" means an organization established to oversee the management of:

(A) multiple incidents that are each being handled by an ICS organization; or

(B) large or multiple incidents to which several incident management teams have been assigned.

Area command has the responsibility to set overall strategy and priorities, allocate critical resources according to priorities, ensure that incidents are properly managed, and ensure that objectives are met and strategies followed.

(5) "Assessment" means the evaluation and interpretation of measurements and other information to provide a basis for decision making.

- (6) "Assignments" means tasks given to resources to perform within a given operational period that are based on operational objectives defined in the IAP.
- (7) "Assistant" means the title for subordinates of principal command staff positions. The title indicates a level of technical capability, qualifications, and responsibility subordinate to the primary positions. Assistants may also be assigned to unit leaders.
- (8) "Base" means that location at which the primary logistics functions are coordinated and administered. The ICP may be collocated with the base. There is only one (1) base per incident.
- (9) "Branch" means the organizational level having functional or geographical responsibility for major aspects of incident operations. A branch is organizationally situated between the:
- (A) section and the division or group in the operations section; and
 - (B) section and units in the logistics section.
- Branches are identified by the use of Roman numerals or by functional area.
- (10) "Camp" means the location where resources may be kept to support incident operations if a base is not accessible to all resources.
- (11) "Chain of command" means a series of:
- (A) command;
 - (B) control;
 - (C) executive; or
 - (D) management;
- positions in hierarchical order of authority.
- (12) "Chief" means the incident command system title for individuals responsible for management of functional sections, such as the following:
- (A) Operations.
 - (B) Planning.
 - (C) Financial/Administrative.
 - (D) Logistics.
- (13) "Command" means the act of:
- (A) directing;
 - (B) ordering; or
 - (C) controlling;
- by virtue of explicit statutory, regulatory, or delegated authority.
- (14) "Command staff" means the incident commander and the special staff positions of:
- (A) public information officer;
 - (B) safety officer;
 - (C) liaison officer; and
 - (D) other positions as required;
- who report directly to the incident commander. They may have an assistant or assistants, as needed.
- (15) "Demobilization" means the processes and procedures used by all organizations:
- (A) federal;
 - (B) state;
 - (C) local; and
 - (D) tribal;
- for deactivating and transporting all resources that have been used to respond to or support the response to an incident to their home base.
- (16) "Deputy" means a fully qualified individual who, in the absence of a superior, can be delegated the authority to manage a functional operation or perform a specific task. In some cases, a deputy can act as relief for a superior and, therefore, must be fully qualified in the position. Deputies can be assigned to the following:
- (A) The incident commander.
 - (B) General staff.
 - (C) Branch directors.
- (17) "Direct tactical assignment" means an assignment issued by the incident commander and received by the recipient before the arrival of the resources in the staging area.

- (18) "Division" means the partition of an incident into geographical areas of operation. A division is:
- (A) established when the number of resources exceeds the manageable span of control of the operations chief; and
 - (B) located within the ICS organization between the branch and resources in the operations section.
- (19) "Emergency operations center" or "EOC" means the physical location at which the coordination of information and resources to support domestic incident management activities normally takes place. An EOC may be a temporary facility or located in a more central or permanently established facility within a jurisdiction. EOCs may be organized by:
- (A) major functional disciplines, for example:
 - (i) fire;
 - (ii) law enforcement; and
 - (iii) medical; services;
 - (B) jurisdiction, for example:
 - (i) federal;
 - (ii) state;
 - (iii) regional;
 - (iv) county;
 - (v) city; or
 - (vi) tribal; or
 - (C) some combination thereof.
- (20) "Event" means a planned, nonemergency activity, for example:
- (A) parades;
 - (B) concerts; or
 - (C) sporting events.
- (21) "Finance/administrative" means the monitoring of incident-related costs and administration of procurement contracts.
- (22) "General staff" means a group of incident management personnel organized according to function and reporting to the incident commander. The general staff normally consists of the following:
- (A) The operations section chief.
 - (B) The planning section chief.
 - (C) The logistics section chief.
 - (D) The finance/administration section chief.
- (23) "Group" means an entity established to divide the incident management structure into functional areas of operation. Groups are:
- (A) composed of resources assembled to perform a special function not necessarily within a single geographic division; and
 - (B) when activated, located between branches and resources in the operations section.
- (24) "Incident" means an occurrence or event, natural or caused by humans, that requires an emergency response to protect life or property. The term can, for example, include the following:
- (A) Major disasters.
 - (B) Emergencies.
 - (C) Terrorist attacks.
 - (D) Terrorist threats.
 - (E) Wildland and urban fires.
 - (F) Floods.
 - (G) Hazardous materials spills.
 - (H) Nuclear accidents.
 - (I) Aircraft accidents.
 - (J) Earthquakes.
 - (K) Hurricanes.
 - (L) Tornadoes.

- (M) Tropical storms.
 - (N) War-related disasters.
 - (O) Public health and medical emergencies.
 - (P) Other occurrences requiring an emergency response.
- (25) "Incident action plan" or "IAP" means an oral or written plan containing general objectives reflecting the overall strategy for managing an incident. The term may include the following:
- (A) Identification of operational resources and assignments.
 - (B) Attachments that provide direction and important information for management of the incident during one (1) or more operational periods.
- (26) "Incident commander" or "IC" means the individual responsible for all incident activities, including the following:
- (A) The development of strategies and tactics.
 - (B) The ordering and release of resources.
- The IC has overall authority and responsibility for conducting incident operations and is responsible for the management of all incident operations at the incident site.
- (27) "Incident command post" or "ICP" means the field location at which the primary tactical level, on-scene incident command functions are performed. The ICP:
- (A) may be collocated with the incident base or other incident facilities; and
 - (B) is normally identified by a green rotating or flashing light.
- (28) "Incident command system" or "ICS" means a standardized on-scene emergency management construct specifically designed to provide for the adoption of an integrated organizational structure that reflects the complexity and demands of single or multiple incidents without being hindered by jurisdictional boundaries. An ICS is:
- (A) the combination of:
 - (i) facilities;
 - (ii) equipment;
 - (iii) personnel;
 - (iv) procedures; and
 - (v) communications;
 operating within a common organizational structure and designed to aid in the management of resources during incidents; and
 - (B) used:
 - (i) for all kinds of emergencies and is applicable to small as well as large and complex incidents; and
 - (ii) by various jurisdictions and functional agencies, both public and private, to organize field level incident management operations.
- (29) "Incident facilities" means the facilities near the incident area that will be used in the course of incident management activities including the following:
- (A) The incident command post.
 - (B) Staging areas.
 - (C) The base.
 - (D) The camp.
 - (E) The helibase and helispots.
- (30) "Incident objectives" means statements of guidance and direction necessary for selecting an appropriate strategy or strategies and the tactical direction of resources. Incident objectives:
- (A) are based on realistic expectations of what can be accomplished when all allocated resources have been effectively deployed; and
 - (B) must be achievable and measurable, yet flexible enough to allow strategic and tactical alternatives.
- (31) "Liaison officer" means a member of the command staff responsible for coordinating with representatives from cooperating and assisting agencies.
- (32) "Logistics" means providing resources and other services to support incident management.
- (33) "Logistics section" means the section responsible for providing logistics support for the incident.
- (34) "Major disaster" means any natural catastrophe, including any:
- (A) hurricane;
 - (B) tornado;

- (C) storm;
- (D) high water;
- (E) wind-driven water;
- (F) tidal wave;
- (G) tsunami;
- (H) earthquake;
- (I) volcanic eruption;
- (J) landslide;
- (K) mudslide;
- (L) snowstorm; or
- (M) drought;

or, regardless of cause, any fire, flood, or explosion, in any part of the United States, which in the determination of the President causes damage of sufficient severity and magnitude to warrant major disaster assistance under 42 U.S.C. 5122 to supplement the efforts and available resources of states, tribes, local governments, and disaster relief organizations in alleviating the damage, loss, hardship, or suffering caused thereby.

(35) “Multi-agency coordination” means multiple agencies working together to accomplish a mutually understood common goal.

(36) “Multi-agency coordination entity” means an entity that functions within a broader multi-agency coordination system and may:

- (A) establish the priorities among incidents and associated resource allocations;
- (B) deconflict agency policies; and
- (C) provide strategic guidance and direction to support incident management activities.

(37) “Multi-agency coordination system” means a system designed to provide the architecture to support coordination for incident prioritization, critical resource allocation, communications systems integration, and information coordination. The components of a multi-agency coordination system include the following:

- (A) Facilities.
- (B) Equipment.
- (C) EOCs.
- (D) Specific multi-agency coordination entities.
- (E) Personnel.
- (F) Procedures.
- (G) Communications.

These systems assist agencies and organizations to fully integrate the subsystems of the NIMS.

(38) “Multi-jurisdictional incident” means an incident requiring action from multiple agencies that each have jurisdiction to manage certain aspects of an incident. In ICS, these incidents will be managed under unified command.

(39) “National Incident Management System” or “NIMS” means a system mandated by the federal government that provides a consistent nationwide approach for state, local, and tribal governments, the private sector, and nongovernmental organizations to work effectively and efficiently together to prepare for, respond to, and recover from domestic incidents, regardless of cause, size, or complexity. To provide for interoperability and compatibility among state, local, and tribal capabilities, the NIMS includes the following core set of concepts, principles, and terminology:

- (A) The ICS.
- (B) Multi-agency coordination systems.
- (C) Training.
- (D) The identification and management of resources, including systems for classifying types of resources.
- (E) Qualification and certification.
- (F) The collection, tracking, and reporting of incident information and incident resources.

(40) “Operational period” means the time scheduled for executing a given set of operation actions, as specified in the IAP, and can be of various lengths, although usually not over twenty-four (24) hours.

(41) “Operations section” means the section responsible for all tactical incident operations. In ICS, the term normally includes subordinate branches, divisions, and groups.

(42) “Planning” means the collection, evaluation, and dissemination of operational information related to the incident for the preparation and documentation of the IAP and includes the maintenance of information on the following:

- (A) The current and forecasted situation.
 - (B) The status of resources assigned to the incident.
- (43) "Planning section" means the section responsible for incident planning.
- (44) "Public information officer" means a member of the command staff responsible for interfacing with:
- (A) the public and media; or
 - (B) other agencies;
- with incident-related information requirements.
- (45) "Resource management" means a system for identifying available resources at all jurisdictional levels to enable timely and unimpeded access to resources needed to prepare for, respond to, or recover from an incident. The term under the NIMS includes the following:
- (A) Mutual aid agreements.
 - (B) The use of special:
 - (i) federal;
 - (ii) state;
 - (iii) local; and
 - (iv) tribal;
 teams.
 - (C) Resource mobilization protocols.
- (46) "Resources" means personnel and items of equipment, supplies, and facilities available or potentially available for assignment to incident operations and for which status is maintained. Resources:
- (A) are described by kind and type; and
 - (B) may be used in operational support or supervisory capacities at an:
 - (i) incident; or
 - (ii) EOC.
- (47) "Section" means the organizational level having responsibility for a major functional area of incident management, for example, the following:
- (A) Operations.
 - (B) Planning.
 - (C) Finance/Administrative.
 - (D) Logistics.
- The section is organizationally situated between the branch and the incident commander and is commanded by a chief.
- (48) "Single command" means a type of command that is used when:
- (A) an incident occurs within a single jurisdiction; and
 - (B) there is no jurisdictional or functional agency overlap.
- (49) "Span of control" means the number of individuals a supervisor is responsible for and is usually expressed as the ratio of supervisors to individuals. Under the NIMS, an appropriate span of control is between 1:3 and 1:7.
- (50) "Staging area" means a location established where resources can be placed while awaiting a tactical assignment. The operations section manages staging areas.
- (51) "Strategy" means the general direction selected to accomplish incident objectives set by the IC.
- (52) "Tactics" means the science of arranging and maneuvering resources in action during an incident.
- (53) "Technical specialist" means a person who:
- (A) is assigned to an incident;
 - (B) possesses special skills; and
 - (C) is activated only when needed.
- (54) "Terrorism" means an activity that involves an act dangerous to human life or potentially destructive of critical infrastructure or key resources and is:
- (A) a violation of the criminal laws of:
 - (i) the United States; or
 - (ii) any state or other subdivision of the United States in which it occurs; and
 - (B) intended to:
 - (i) intimidate or coerce the civilian population;
 - (ii) influence a government; or

- (iii) affect the conduct of a government;
by mass destruction, assassination, or kidnapping.
 - (55) "Type" means a classification of resources in the ICS that refers to capability. Type 1 is generally considered to be more capable than Type 2, 3, or 4, respectively, because of:
 - (A) size;
 - (B) power;
 - (C) capacity; or
 - (D) in the case of incident management teams, experience and qualifications.
 - (56) "Unified area command" means an area command that is established involving multi-jurisdictional incidents.
 - (57) "Unified command" or "UC" means an application of ICS used when:
 - (A) there is more than one (1) agency with incident jurisdiction; or
 - (B) incidents cross political jurisdictions.
- Agencies work together through the designated members of the UC, often the senior person from the agencies or disciplines, or both, participating in the UC, to establish a common set of objectives and strategies and a single IAP.
- (58) "Unit" means the organizational element having functional responsibility for a specific incident planning or logistics activity.
- (59) "Unity of command" means the concept by which each person within an organization reports to one (1) and only one (1) designated person. The purpose of unity of command is to ensure unity of effort under one (1) responsible commander for every objective.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-111; filed Sep 21, 2005, 1:30 p.m.: 29 IR 481)

655 IAC 1-2.1-112 National Incident Management System-First Responder-Awareness

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 112. (a) The minimum training standards for National Incident Management System-First Responder-Awareness certification shall be as set out in this section.

- (b) The candidate shall perform the following:
 - (1) List and explain the uses of the command staff.
 - (2) Identify and explain the role of each of the five (5) major management functions for general staff.
 - (3) Identify the principles of span of control.
 - (4) Identify the ICS position titles, utilizing the organizational level, title, and support position.
 - (5) Identify and explain the role of each of the organizational components.
 - (6) Identify the incident facilities and explain the functions of each.
 - (7) Identify accountability guidelines and procedures.
 - (8) Explain and demonstrate the transfer of command.
 - (9) Demonstrate the expansion of the basic ICS into an all purpose management tool.
 - (10) Explain the utilization of an IAP.
 - (11) Explain unity of command.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-112; filed Sep 21, 2005, 1:30 p.m.: 29 IR 485)

655 IAC 1-2.1-113 National Incident Management System-First Responder-Operations

Authority: IC 22-14-2-7

Affected: IC 36-8-10.5-7

Sec. 113. (a) The minimum training standards for National Incident Management System-First Responder-Operations certification shall be as set out in this section.

- (b) The candidate shall perform the following:
 - (1) Demonstrate the ability to establish command.
 - (2) Demonstrate the ability to begin establishing incident facilities.
 - (3) Develop an IAP for each operational level.
 - (4) Demonstrate the process of transferring command.

- (5) Explain the unity of command and chain of command.
- (6) Explain the span of control.
- (7) Demonstrate the use of integrated communications using the three (3) key elements.
- (8) Demonstrate the development of a communications plan.
- (9) Explain and demonstrate the difference between single command and unified command.
- (10) Explain the functions of the planning chief.
- (11) Name and explain the functions of the planning units.
- (12) Explain the functions of the logistics chief.
- (13) Name and explain the functions of the logistics branch.
- (14) Explain the functions of the finance/administrative chief.
- (15) Name and explain the unit functions of the finance/administrative section.
- (16) Describe the functional roles in resource management.
- (17) Describe the types of resources often used in incidents.
- (18) Identify how resources are procured.
- (19) Provide examples of how resources are typed for various applications.
- (20) Explain why resource status keeping is important to effective incident operations.
- (c) The candidate shall have been certified as a National Incident Management System-First Responder-Awareness.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-113; filed Sep 21, 2005, 1:30 p.m.: 29 IR 485)

655 IAC 1-2.1-114 National Incident Management System-First Responder-Technician

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 114. (a) The minimum training standards for National Incident Management System-First Responder-Technician certification shall be as set out in this section.

- (b) The candidate shall perform the following:
 - (1) Match responsibility statements to each ICS organizational element.
 - (2) List the ICS positions, which may include deputies, and describe the deputies' roles and responsibilities.
 - (3) Describe the differences between deputies and assistants.
 - (4) Describe ICS reporting and working relationships for technical specialists and agency representatives.
 - (5) Describe reporting relationships and information flow within the ICS organization.
 - (6) Describe the steps in assuming and transferring command at an incident.
 - (7) List the major elements included in the incident briefing.
 - (8) Develop a sample organization around a major event, including the use of all appropriate sections and organizational modules.
 - (9) Describe how incidents can best be managed by appropriate and early designation of command staff and delegation of authority.
 - (10) Describe how unified command functions on a multi-jurisdictional incident.
 - (11) List the minimum staff requirements within each organizational element for at least two (2) incidents of different sizes.
 - (12) Describe the role and use of forms in effective incident management.
 - (13) Identify and describe four (4) basic principles of resource management.
 - (14) Identify the basic steps in managing resources for an incident.
 - (15) Identify the contents and use of the operational planning worksheet.
 - (16) Identify the organizational elements at an incident that can order resources.
 - (17) Describe the differences between single and multipoint resource ordering and the reasons for each.
 - (18) Describe why and how resources are assigned to the following:
 - (A) Staging areas.
 - (B) Camps.
 - (C) Direct tactical assignments.
 - (19) Describe the purpose and importance of planning for demobilization.
 - (20) Describe five (5) key considerations associated with resource management and the reasons for each consideration.

- (21) Describe the functions and general duties associated with each element of the air operations branch organization.
- (22) Diagram a full air operations branch organization using a simulated scenario.
- (23) Describe the function and use of the air operations summary worksheet.
- (24) List the major steps involved in the planning process.
- (25) Identify the ICS titles of personnel who have responsibilities in developing the IAP and list their duties.
- (26) As part of an exercise, identify incident objectives for a simulated scenario.
- (27) As part of an exercise, describe appropriate strategies and tactics to meet incident objectives for a simulated scenario.
- (28) Explain the use of operational periods in the planning process and how operational periods are derived.
- (29) Explain the function of the operational planning worksheet and other forms that may be used in preparing the IAP.
- (30) Explain the criteria for determining when the IAP should be prepared in writing.
- (31) Identify the kinds of supporting materials included in an IAP.
- (32) List the major sections in a demobilization plan.
- (33) As part of a group exercise, develop an IAP for a simulated scenario.
- (c) The candidate shall have been certified as a National Incident Management System-First Responder-Operations.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-114; filed Sep 21, 2005, 1:30 p.m.: 29 IR 485)

655 IAC 1-2.1-115 National Incident Management System-First Responder-Command

Authority: IC 22-14-2-7

Affected: IC 36-8-10.5-7

Sec. 115. (a) The minimum training standards for National Incident Management System-First Responder-Command certification shall be as set out in this section.

(b) The candidate shall perform the following:

- (1) Identify the steps built into the ICS design to compensate for previous incident management problems.
- (2) Describe the primary guidelines related to command staff and general staff.
- (3) Summarize the principal responsibilities for each member of the command staff and general staff.
- (4) Describe the roles of deputies and assistants in incident management.
- (5) Describe the purposes and responsibilities of agency representatives and reporting relationships and how they can be used effectively within the incident organization.
- (6) Develop a command staff and general staff organization around a simulated scenario.
- (7) Define unified command.
- (8) Define the advantages of unified command and the kinds of situations that may require a unified command organization.
- (9) Identify the primary features of a unified command organization.
- (10) Given a simulated situation, describe roles and reporting relationships under a unified command that involves agencies from within the same jurisdiction and under multi-jurisdictional conditions.
- (11) Describe areas of cost saving that may apply under a unified command structure.
- (12) Given a simulated situation, describe an appropriate unified command organization.
- (13) List the principal factors often found in or related to major incidents.
- (14) List the principal factors often found in or related to complex incidents.
- (15) List the four (4) expansion options for incident organization and describe the conditions under which they would be applied.
- (16) Through an exercise, demonstrate how to apply the various options related to major or complex incident management.
- (17) Define area command.
- (18) Identify differences among area command, unified command, multi-agency coordination systems, and EOCs.
- (19) List the principal advantages of using area command.
- (20) Describe how, when, and where area command would be established.
- (21) Describe the area command organization.
- (22) Identify six (6) primary functional responsibilities of area command.
- (23) Given a simulated situation, develop an area command organization.

- (24) Describe the kinds of incident management problems that can occur due to the lack of multi-agency coordination.
- (25) Define the essential terms related to multi-agency coordination.
- (26) Identify the levels at which multi-agency coordination is commonly accomplished.
- (27) Identify essential differences among area command, multi-agency coordination, and EOCs.
- (28) Identify the primary components of a multi-agency coordination system.
- (29) List the responsibilities of a multi-agency coordination group.
- (30) Identify the major guidelines for establishing and using multi-agency coordination systems and multi-agency groups.
- (31) Identify principal positions within a multi-agency coordination system.

(c) The candidate shall have been certified as a National Incident Management System-First Responder-Technician. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-115; filed Sep 21, 2005, 1:30 p.m.: 29 IR 486*)

Rule 3. Mandatory Training Program

655 IAC 1-3-1 Title; purpose; availability

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 1. (a) This rule shall be known as the administrative rule for the board of firefighting personnel standards and education and shall be published by the board for general use and distribution under that title. Whenever the term "this rule" is used throughout this rule, it shall mean the administrative rule for the board of firefighting personnel standards and education.

(b) The purpose of this rule is to provide for administration by the board of a mandatory training program for fire service personnel as required by IC 36-8-10.5.

(c) This rule is available for purchase from the Board of Firefighting Personnel Standards and Education, 302 West Washington Street, Room E239, Indianapolis, Indiana 46204. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-1; filed Mar 7, 1988, 12:55 p.m.: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4018*)

655 IAC 1-3-2 Administrative adjudication

Authority: IC 36-8-10.5-7

Affected: IC 4-21.5; IC 36-8-10.5

Sec. 2. The administrative adjudication and court review procedures of the board shall be governed by IC 4-21.5, Administrative Orders and Procedures. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-2; filed Mar 7, 1988, 12:55 p.m.: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4018*)

655 IAC 1-3-3 Open meetings

Authority: IC 36-8-10.5-7

Affected: IC 5-14-1.5; IC 36-8-10.5

Sec. 3. The board shall hold all meetings in accordance with IC 5-14-1.5 Public Meetings. Minutes, if any, are to be open for public inspection and copying (IC 5-14-1.5-4). (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-3; filed Mar 7, 1988, 12:55 pm: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383*)

655 IAC 1-3-4 Fire chief responsibility

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 4. The fire chief of each individual fire department shall have the responsibility for the administration of this rule in the hiring, rehiring, appointing, or electing of firefighters. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-4; filed Mar 7, 1988, 12:55 p.m.: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383;*

filed Jul 14, 2004, 10:00 a.m.: 27 IR 4018)

655 IAC 1-3-5 Mandatory training program

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 5. The mandatory training program shall include firefighting personnel in fire departments in the following areas:

(1) Full-time (paid/career) firefighters employed by political subdivisions.

(2) Volunteer firefighters in volunteer fire companies.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-5; filed Mar 7, 1988, 12:55 p.m.: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4019)

655 IAC 1-3-6 Entry into the program

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 6. (a) Any Indiana full-time fire fighter newly hired or rehired, shall successfully complete mandatory training prior to performing the duties of a full-time firefighter for a political subdivision.

(b) Any volunteer fire fighter shall successfully complete mandatory training before being elected or appointed to membership in a volunteer fire company.

(c) Applications shall be provided to the fire service, upon request, by the board. Applications shall be completed in full. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-6; filed Mar 7, 1988, 12:55 pm: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)*

655 IAC 1-3-7 Certification by the board

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 7. The board shall certify applications from fire service personnel as having successfully completed mandatory training specified in IC 36-8-10.5, which are attested to by the signature of the fire chief of the fire department and by an instructor certified by the board. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-7; filed Mar 7, 1988, 12:55 p.m.: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4019)*

655 IAC 1-3-8 Revocation of application

Authority: IC 36-8-10.5-7

Affected: IC 4-21.5-3-6; IC 22-12-7-4; IC 36-8-10.5

Sec. 8. (a) Upon receipt of evidence that information provided to the board was falsified, upon which certification was granted, the board shall impose an appropriate sanction following the provisions of IC 4-21.5-3-6 and IC 22-12-7-4.

(b) If a certification is revoked or suspended, a fire fighter may not perform the duties of a full-time fire fighter for a political subdivision and the election or appointment of a volunteer fire fighter may not be continued. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-8; filed Mar 7, 1988, 12:55 pm: 11 IR 2629; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)*

655 IAC 1-3-9 Right of appeal

Authority: IC 36-8-10.5-7

Affected: IC 4-21.5-3; IC 22-12-7; IC 36-8-10.5

Sec. 9. Any person aggrieved by an action of the board may obtain administrative review of said action by filing a petition for review pursuant to the applicable provisions of IC 22-12-7 and IC 4-21.5-3. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-9; filed Mar 7, 1988, 12:55 pm: 11 IR 2629; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)*

25 IR 203; errata, 26 IR 383)

655 IAC 1-3-10 Discriminatory practice

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 10. The mandatory program shall not be discriminatory. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-10; filed Mar 7, 1988, 12:55 pm; 11 IR 2629; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383*)

655 IAC 1-3-11 Effective date

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 11. The mandatory program shall apply to all full-time or volunteer fire fighters newly hired, rehired, elected or appointed after January 1, 1988. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-11; filed Mar 7, 1988, 12:55 pm; 11 IR 2629; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383*)

Rule 4. Mandatory Training Requirements

655 IAC 1-4-1 Title; purpose; availability

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 1. (a) This rule shall be known as the Fire Fighter Mandatory Training Program and shall be published by the board for general distribution and use under that title.

(b) The purpose of this rule is to establish a mandatory training program for firefighters by the board.

(c) This rule is available for purchase from the Board of Firefighting Personnel Standards and Education, 302 West Washington Street, Room E239, Indianapolis, Indiana 46204. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-4-1; filed Mar 7, 1988, 12:55 p.m.: 11 IR 2629; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4019*)

655 IAC 1-4-2 General requirements for firefighter mandatory training

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 2. (a) These requirements are intended only to familiarize the recruit firefighter with introductory personal safety and safe evolutions before engaging in emergency firefighter activities. These requirements are not intended to replace the board's requirements for firefighter voluntary certification program and as follows:

(1) The intent of this document is to provide rules for the minimum mandatory personal safety training of those individuals entering or reentering the fire service.

(2) It is not required for the objectives to be mastered in the order that they appear.

(3) The local fire department, instructor, or fire chief shall establish the instructional priority of the mandatory training.

(4) This is intended to be a minimum training program. Expanded scope and creativity of local training programs is encouraged.

(b) Minimum components are as follows:

(1) Orientation. Includes the following:

(A) Communication procedures.

(B) How alarms are received.

(C) Who, what, when, and where of local fire department.

(2) Personal safety. Includes the following:

(A) Reason for protective clothing usage, for example:

- (i) helmet;
 - (ii) coat;
 - (iii) boots; and
 - (iv) gloves.
- (B) Safe handling of tools.
- (3) Forcible entry. Includes the following:
 - (A) Safely finding hidden fires.
 - (B) Safely entering structure or building when it is locked.
 - (C) Nomenclature of tools.
- (4) Ventilation. Includes the following:
 - (A) Safe letting of hot gases and smoke escape.
 - (B) Safe procedures.
 - (C) Where to properly ventilate.
- (5) Apparatus. Includes the following:
 - (A) Safely mounting and dismounting from apparatus.
 - (B) Riding on apparatus.
 - (C) Safe driving of apparatus.
 - (D) Basic traffic and firefighting liability laws.
- (6) Ladders. Includes the following:
 - (A) Safe setting positions for ground ladders.
 - (B) Safe climbing and getting off of ladders.
 - (C) Feeling for weakened floors on second floor or higher before getting off ladder.
 - (D) Different types of ladders used in fire service.
- (7) Self-contained breathing apparatus. Includes the following:
 - (A) Critical needs for wearing self-contained breathing apparatus.
 - (B) Safe practices in its use.
 - (C) Nomenclatures of self-contained breathing apparatus.
 - (D) Safely donning and doffing of self-contained breathing apparatus.
- (8) Hose loads. Includes the following:
 - (A) How to properly load hose.
 - (B) Different types of hose loads.
 - (C) Safely removing different hose loads.
 - (D) Accessing water sources by drafting or hydrants.
- (9) Streams. Includes the following:
 - (A) Safe fire stream velocity and gallons per minute.
 - (B) Properly opening and closing of nozzles.
- (10) Basic recognition of special hazards. Includes the following:
 - (A) Recognition of special hazards.
 - (B) DOT hazardous materials placarding recognition.
 - (C) Structural hazards indicating imminent collapse or cave-in.
 - (D) Recognition of suspicious fires.
 - (E) Dangers of backdraft and flashover.
 - (F) Overhead electrical wires.
 - (G) Special safety procedures.
- (11) Defensive driving.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-4-2; filed Mar 7, 1988, 12:55 p.m.: 11 IR 2629; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383; filed Jul 14, 2004, 10:00 a.m.: 27 IR 4019; filed Apr 13, 2005, 11:30 a.m.: 28 IR 2712)

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